

CONTRACT FILE

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*please see me -
five 2 October 1961*

MEMORANDUM FOR: Executive Director, NPIC
THROUGH: Operations Officer, NPIC
SUBJECT: Photochemical Solutions Laboratory
REFERENCE: DIRM Recommendations for Photochemical Solutions Laboratory,
dated 21 September 1961

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1. PROBLEM:

A decision between two proposed solutions for our [redacted] photo-chemical mixing facility must be made.

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2. FACTS BEARING ON THE PROBLEM:

a. In order not to delay the preparation of final plans for [redacted] and thereby probably incur additional cost, it is felt that a decision must be made immediately.

b. Two methods have been proposed for the construction of the photochemical mixing facility:

(1) Storage of saturated photochemicals to be mixed in proper proportions and with water for distribution to individual working stations, with the necessary pipes, valves and pumps for proper distribution.

(2) A more conventional approach for photochemicals utilizing the concept of storage of ready-mixed chemicals for distribution to individual working stations.

c. Since we have been unable to resolve the differences in opinion as to the better concept, DIRM was directed to engage consultants for the purpose of helping us to make up our minds. As noted in the reference, answers were received from two specialists in the photo laboratory business. Both consultants indicated a preference for the conventional approach to chemical mixing. Discussions between NPIC personnel and DIRM representatives, even in light of these professional opinions, did not produce an answer to the problem. A further independent opinion was desired and it was decided that this could

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best come from [REDACTED] Invitations to proper [REDACTED] personnel to visit us and discuss this problem were made and [REDACTED] agreed to send several specialists to Washington early in the week of 1 October. However, during telephone conversations with Messrs. [REDACTED] it was disclosed that both individuals would recommend also the more conventional approach to photochemical mixing. STATINTL

3. RECOMMENDATIONS:

With the facts noted above, it is my recommendation that we authorize INM to proceed with the final design of our photochemical mixing facility in accordance with conventional mixing concepts following the INM proposal as modified by cognizant NPIC personnel.



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Chief, TP & DS

cc: Opa/Off
INM

NPIC/TP&DS: [REDACTED]

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